

## **ABSTRACT**

A method and apparatus for generating an optimum recording power before recording user data in a recordable optical recording medium is disclosed. According to the method and apparatus, an optimum power calibration (OPC) is performed in the unit of a sector, and the start position of the respective physical sector can be synchronized. Thus, the optimum recording power can be determined even in a DVD-R/RW in which a PCA area exists but no OPC method is prescribed. Also, the degree of OPC can be heightened, and the limitation of the PCA area can be overcome. The method and apparatus also enables an easy and accurate search of the start position even in an odd sector where LPP data is recorded in odd positions.